

# Process Safety Management



- *Process Safety Management (PSM) is a systematic analytical tool for preventing the release of hazardous chemicals include fire, toxic, explosive and highly flammable liquids and gases that could expose employees and others in process industries.*
- *Process Safety Management system is to evaluate the process design, process technology, process changes, operational and maintenance activities, training.*

## Benefits of PSM

- *Prevent unwanted Chemical releases*
- *Improve productivity, quality, and strength.*
- *Protection of corporate image.*





## **Elements of PSM**

- *Process Safety Information*
- *Process Hazard Analysis*
- *Operating Procedures*
- *Training*
- *Contractors*
- *Mechanical Integrity*
- *Hot Work*
- *Management of Change*
- *Incident Investigation*
- *Compliance Audits*
- *Trade Secrets*
- *Employee Participation*
- *Pre-startup Safety Review*
- *Emergency Planning and Response*

## **How Dynamic Safety can help you?**

*Dynamic Safety consultants give the requirements for preventing the release of chemical Hazards in process industries.*

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